

Title (en)
SYSTEM AND METHOD FOR THE AUTOMATIC ADJUSTMENT OF AN AGRICULTURAL IMPLEMENT USING A MEASURING LIGHT SCREEN

Title (de)
SYSTEM UND VERFAHREN ZUR AUTOMATISCHEN ANPASSUNG EINES LANDWIRTSCHAFTLICHEN ANBAUGERÄTS MIT EINEM
MESSENDEN LICHTVORHANG

Title (fr)
SYSTÈME ET PROCÉDÉ D'AJUSTEMENT AUTOMATIQUE DE LA HAUTEUR D'UN OUTIL AGRICOLE AU MOYEN D'UN RIDEAU LUMINEUX
DE MESURE

Publication
EP 3226671 A1 20171011 (FR)

Application
EP 15804456 A 20151202

Priority
• FR 1462002 A 20141205
• EP 2015078383 W 20151202

Abstract (en)
[origin: WO2016087526A1] The invention relates to a system for adjusting the height of an agricultural implement (O), comprising: an arm (1) that can be controlled so as to raise and lower the implement; a height measuring sensor (E, R) mounted on the arm and positioned in front of the implement in the direction of travel of the vehicle equipped with the arm; and a computer configured to provide a control set point for the height of the arm on the basis of the measurements obtained by the sensor, characterised in that the sensor is a light screen device formed by an emitter (E) in the form of a column of light sources (S1, S2, Sm) and a receiver (R) in the form of a column of light receivers, the emitter and the receiver being mounted on the arm facing one another and extending along the longitudinal axis thereof, perpendicularly to the ground, in order to measure the height of plants located therebetween.

IPC 8 full level
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Citation (search report)
See references of WO 2016087526A1

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